

**Mr. Adolf S. Garcia** has 37 years of experience in the nuclear criticality safety (CS) field. He was involved in criticality safety at Argonne National Laboratory (ANL) from May 1976 to January 1995. His work at ANL included responsibilities as the Criticality Safety Engineer for the Hot Fuel Examination Facilities North and South, Criticality Safety Representative for the Fuels Cycle Division and for the Reactor Experiments and Examinations Division. He served as a member of ANL's Criticality Hazards Control Committee, and was a charter member of the Laboratory's Nuclear Facility Safety Committee. From February 1995 to the present, Mr. Garcia has been part of DOE-ID as the Senior Nuclear Criticality Safety Specialist. Since 1978 Mr. Garcia has provided criticality safety assistance to DOE Headquarters, DOE Field Offices, and DOE contractors in numerous: 1) CS program reviews, 2) Special CS Issues/Problems, and 3) Nuclear facilities Operational Readiness Reviews. Sites provided with Technical Support include, LANL, ORNL, LLNL, Y-12, Hanford Site, Richland Operations Office, and Savannah River Site. Since joining DOE in January 1995, Mr. Garcia has provided support in many Operational Readiness Reviews (ORRs) at the INEEL. In addition, Mr. Garcia was a principal in drafting the DOE Implementation Plan in response to Defense Nuclear Facilities Safety Board Recommendation 97-2. To present date he has served on the Department's Nuclear Criticality Safety Program as the chairman of the Criticality Safety Support Group (10 years), and as a member of the Criticality Safety Coordinating Team (DOE Field Office Subject Matter Experts). As a member of the CSSG he serves in numerous technical support tasks for DOE Complex. In this role, ORRs and criticality safety analyses reviews have been performed numerous times per year since 1997.

Mr. Garcia was a charter member of the Nuclear Criticality Technology and Safety Project, which was formed to provide guidance and technical advice to DOE EH HQs on Nuclear Criticality Safety issues (1983-1998). In addition, he has been a member of the faculty of the University of New Mexico's annual Nuclear Criticality Safety Short Course since 1992. Participation in this course is used, throughout DOE and NRC, to document meeting general requirements for Criticality Safety Qualifications.

Mr. Garcia is a member of the American Nuclear Society (ANS) Standards Subcommittee 8 (the group responsible for the series of ANSI/ANS 8 Nuclear Criticality Safety Standards), WG chairman of ANSI/ANS 8.29 *Nuclear Criticality Safety in Used Nuclear Fuels Recycling Facilities* the past chairman of the Writing Group for the main Criticality Safety Standard, ANSI/ANS-8.1, *Nuclear Criticality Safety in Operations with Fissionable Material Outside Reactors*. Mr. Garcia holds a Master's degree in Nuclear Engineering from Louisiana State University, and has been very active in the ANS Nuclear Criticality Safety Division and ANS National governance committees throughout his career.

2002. Received a "**Leadership of the DOE Nuclear Criticality Safety Program Award**" from the Nuclear Criticality Safety Division of the American Nuclear Society.

2004. Received a "**Distinguished Service Award**" from the Nuclear Criticality Safety Division of the American Nuclear Society.

2008. Received a "**Career Achievement Award**" from NNSA.